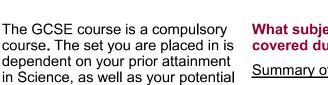
SUBJECT

Combined Science Trilogy **GCSE**

DEPARTMENT Science

QUALIFICATION Two GCSEs Grades 9-1

EXAM BOARD AQA



How is the course assessed?

This double AQA award is equivalent to two GCSEs. There is no coursework.

Exams

in the subject.

Six papers: two Biology, two Chemistry and two Physics. Each will assess different topics.

Duration: all the papers are 1 hour 15 minutes.

Weighting: the papers are equally weighted. Each is worth 16.7% of the grade and has 70 marks.

Question types: multiple choice, structured, closed, short answer and open response.

Engaging practicals

We know that practicals are not only one of the most engaging parts of a science education but are also essential for students' understanding of scientific theory. There are 21 compulsory practicals.

What subject specific topics are covered during the course?

Summary of content

Biology

- Cell biology
- Organisation
- Infection and response
- Bioenergetics
- Homeostasis and response
- Inheritance, variation and evolution
- Ecology

Chemistry

- Atomic structure and the periodic table
- Bonding, structure and the properties of matter
- Quantitative chemistry
- Chemical changes
- Energy changes
- The rate and extent of chemical change
- Organic chemistry
- Chemical analysis
- Chemistry of the atmosphere
- Using resources

Physics

- Forces
- Energy
- Waves
- Electricity
- Magnetism and electromagnetism
- Particle model of matter
- Atomic structure



What can students use the course for?

Students can progress to study A Levels in Biology, Chemistry or Physics or Applied Science.

